

### **ABSTRACT OF THE DISCLOSURE**

A novel subset of monocyte-derived dendritic cells are provided. Methods for producing these monocyte-derived dendritic cells and compositions comprising the dendritic cells of the invention are also provided. Methods for inducing an immune response to an antigen of interest using the dendritic cells of the invention are provided. Also provided are methods for therapeutically or prophylactically treating a disease in a subject suffering from the disease using the dendritic cells.